Empowered by Innovation

NEC M322H

Order Code: 60003888

NEC Professional Desktop Projector

With 1080p resolution and 8000:1 contrast, the M322H delivers perfect image quality for very detailed content as well as high quality movies. With highly efficient and innovative ECO features, a sealed DLP light engine, long lamp life and low power consumption, this projector is virtually maintenance free and offers an impressively low cost of ownership without compromising on quality and flexibility. Innovative new ECO functions help to significantly reduce power consumption.

The excellent price performance ratio makes this projector especially suitable for classrooms and mid-sized meeting rooms.

HDMI ImageCare 3D PROJECTION FULL HD 1080p

NaViSet Administrator 2

FREE DisplayNote Multi-User Licence

BENEFITS

Display Full HD content - as it is intended - you can see even small details in images.

Maximum Flexibility - due to large 1.7x optical zoom, horizontal and vertical keystone correction.

Robust and maintenance free with sealed light engine - provides full dust protection and eliminates the need to clean filters.

Low cost of ownership - up to 8000h lamp life, low power consumption.

Full Connectivity and Media Playback - stay up to date with todays playback demands with a wide range of interfaces and assured playback of all major media formats.

Great connectivity - due to numerous analog and digital connection terminals as well as network capability.

Free Download of Multi-Display Management Software - with NaViSet Administrator 2 you can manage all your connected display devices from a centralized location.

Free DisplayNote Multiuser Licence - present, share, collaborate with up to 5 participants across multiple devices (available until May 2015).

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NEC M322H - Technical Specification

IMAGE	Projection Technology	1 x 1.65 cm (0.65") DMD Chip - DLP™ Technology (Aspect Ratio 16:9)
	Native Resolution	1920 x 1080 (Full HD)
	Aspect Ratio	16:9
	Contrast Ratio [1]	8000:1
	Brightness [1]	3200 ANSI Lumen (approx. 60% in Eco Mode)
	Lamp	270 W AC (162 W AC Eco Mode)
	Lamp Life [hrs]	8000 Eco / 5500 Normal / 3500 High Bright Mode
	Lens	F= 2.4–3.2, f= 18–30.6 mm
	Keystone correction	+/- 25° manual horizontal / +/- 30° automatic / manual vertical
	Projection Factor	1.2 – 2.1 : 1
	Projection Distance [m]	0.74 – 14.08
	Projection Angle [°]	9.9 - 17.9
	Screen Size (diagonal) [cm] / [inch]	76.2 / 30" - 762 / 300"
	Zoom	Manual
	Focus Adjustment	Manual
	Supported Resolutions	1920x1200 (Maximum resolution of analog input); 1920 x 1080 (Maximum resolution of digital input); 1920 x 1080 (HDTV 1080i/60; HDTV 1080i/50); 1680 x 1050 (WSXGA+); 1600 x 1200 (UXGA); 1600 x 900 (WXGA++); 1440 x 900 (WXGA+); 1400 x 1050 (SXGA+); 1366 x 768 (WXGA); 1360 x 768 (WXGA); 1280 x 1024 (SXGA); 1280 x 1024 (MAC 23"); 1280 x 960 (SXGA); 1280 x 800 (WXGA); 1280 x 768 (WXGA); 1280 x 720 (HDTV 720p); 1152 x 870 (MAC 21"); 1152 x 864 (XGA); 1024 x 768 (XGA); 832 x 624 (MAC 16"); 800 x 600 (SVGA); 720 x 576 SDTV 480p/480i; 720 x 576 (DVD progressive); 720 x 480 SDTV 576p/576i; 720 x 480 (SDTV 480p); 640 x 480 (VGA/MAC 13")
	Frequency	Horizontal: 15–100 kHz (RGB: 24 kHz– 100 kHz); Vertical: 50 – 120 Hz; Vertical: 50 – 120 Hz (HDMI: 24 Hz)
CONNECTIVITY	RGB (analog)	Input: 1 x Mini D-sub 15-pin, compatible to component (YPbPr) Output: 1 x Mini D-sub 15 pin
	HDMI™	Input: 2 x HDMI™ (Deep Color, Lip sync)
	Video	Input: 1 x RCA
	Audio	Input: 1 x 3.5 mm Stereo Mini Jack; 1 x RCA Stereo Output: 1 x 3.5 mm Stereo Mini Jack (variable)
	Microphone	Input: 1 x 3.5 mm Monaural Mini Jack (Dynamic mic / Condenser mic)
	Control	Input: 1 x D-Sub 9 pin (RS-232) (male)
	LAN	1 x RJ45; Optional WLAN
	USB	1 x Type A (USB 2.0 high speed); 1 x Type B
	3D Sync	Output: 1 x Mini DIN 3pin
	Video Signals	NTSC; NTSC 4.43; PAL; PAL-M; PAL60; SECAM
REMOTE CONTROL	Remote Control	Aspect Ratio; Audio Control; Auto Adjust; Automatic Picture Adjustment; AV Mute; Digital Zoom; Freeze; Help Eco Mode; ID set; Keystone Correction; Lamp Mode Control; Magnify-function; Optional Presentation and Mouse Control; Picture Adjust; Source Select
ELECTRICAL	Power Supply	100-240 V AC; 50 - 60 Hz
	Power Consumption [W]	278 (Normal) / 246 (Eco) / 2.9 (Network Stand-by) / 0.4 (Stand-by); 335 (High Bright)
MECHANICAL	Dimensions (W x H x D) [mm]	367.9 x 107.5 x 291.3 (without lens and feet)
	Weight [kg]	3.7
	Fan Noise [dB (A)]	33 / 39 (Eco / Normal)
ENVIRONMENTAL CONDITIONS	Operating Temperature [°C]	5 to 40
	Operating Humidity [%]	20 to 80
	Storage Temperature [°C]	-10 to 50
	Storage Humidity [%]	20 to 80
ERGONOMICS	Safety and Ergonomics	CE; EAC; Gost-R; RoHS; TÜV GS; WEEE
	Speakers [W]	1 x 20 (mono)
ADDITIONAL FEATURES	Special Characteristics	Ambient Light Sensor; Auto Eco Mode; Auto Power-ON Function; Carbon Savings Meter; Colour Management; Constant Brightness Mode; Content Transmission via Network; Crestron RoomView; DICOM Simulation; Full 3D DLP® LINK support; High Altitude Mode; Kensington security slot; Keypad Lock; Magnify; NaViSet Administrator 2; Off-Timer; Optional User Logo; Optional WLAN; OSD with 29 languages; Password Security System; Quick Start; Remote control and administration via LAN and RS232; Security Bar; Simple Access Point; USB Viewer for JPEG; Virtual Remote for direct PC control; Wall Colour Correction
GREEN FEATURES	Energy Efficiency	75 % AV mute function; Auto ECO Mode; ECO scheduler; Green one touch ECO and AV mute button; ImageCare® Technology; Intelligent Power Management; Longer lamp life; Reduced power consumption. Only 0.4W stand-by; Software scheduling
	Ecological Materials	100% recyclable packaging; Downloadable manuals; ECO packaging
	Ecological Standards	ErP compliant; RoHs compliant
WARRANTY	Projectors	3 years pan-European service
	Lamp	6 months, max. 1000 hrs
SHIPPING CONTENT	Shipping Contents	IR Remote Control (RD-469E); Mini D-SUB Signal Cable; Power Cord (1.8 m); Quick Setup Guide; Security Sticker; Soft Case; Users Manual on CD-ROM
OPTIONAL ACCESSORIES	Optional Accessories	3D Starter Kit (NP02SK3D); Adapter for Intel WIDI (NP01WR); Cable Cover (NP05CV); DisplayNote; DLP-Link 3D Glasses (NP02GL, VolfoniFit); Lamp (NP30LP); Mouse Receiver (NP01MR); Universal Ceiling Mounts (NP01,02/03/04/05UCM); Wireless LAN module (NP02LM2 for EU, NP02LM3 for Russia)

[1] Compliance with ISO21118-2005